

Form PTO-1449 U.S. Department of Commerce (REV. 8-83) Patent and Trademark Office <b>INFORMATION DISCLOSURE CITATION</b> <small>(use several sheets if necessary)</small>							Atty. Docket No. ENZ-49(P2)(C)	Serial No. Unknown
							Applicants: James G. Wetmur et al.	
							Filed: herewith	Group: Unknown
							<small>10/03/09 898750</small> <small>JC979 U.S. PTO</small>	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
		4	7	6	6	0	6	4					
<i>m</i>	/	4	7	6	6	0	6	4	08/88	Williams et al.	435	6	05/07/84
<i>J</i>	/	4	7	6	6	0	6	2	08/88	Diamond et al.	435	6	12/20/84
<i>V</i>	/	5	1	2	4	2	4	6	06/92	Urdea et al.	435	6	04/18/89

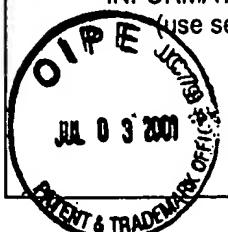
## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
		0	1	6	7	2	3	8					
<i>m</i>	/	0	1	6	7	2	3	8	08/86	EP			
<i>J</i>	/	0	1	6	4	8	7	6	12/85	EP			
	/	0	3	1	7	0	7	7	1/31/96	EP			
	/	W	8	0	1	7	3	0	03/26/87	PCT International			
<i>V</i>	/	W	8	0	6	4	1	2	11/06/86	PCT International			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>m</i>	<i>/</i>	Lee et al., "A Physical Study by Electron Microscopy of the Terminally Repetitious, Circularly Permuted DNA from the Coliphage Particles of <i>Escherichia coli</i> ," <u>Journal of Molecular Biology</u> 48:1-22 (1970)
<i>J</i>	<i>/</i>	Vary et al., "A homogeneous nucleic acid hybridization assay based on strand displacement", <u>Nucleic Acids Research</u> 15:6883-6897 (1987)
<i>V</i>	<i>/</i>	Thomas et al., "Hybridization of RNA to double-stranded DNA: Formation of R-loops", <u>Proc. Natl. Acad. Science (USA)</u> 73:2294-2298 (1976)

EXAMINER	<i>m</i>	DATE CONSIDERED	<i>3/29/2006</i>
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<i>m</i>	5	9	5	8	6	8	1	09/99	Wetmur et al.	435	6	06/07/95
									X			

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	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
<i>m</i>	W O	8 9	1	1	5	4	8	11/30/89	PCT International			

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<i>m</i>	Casey et al., <u>Nucleic Acids Research</u> 4:1539-1552 (1977)
<i>m</i>	Radding et al., "Uptake of Homologous Single-stranded Fragments by Superhelical DNA", <u>Journal of Molecular Biology</u> 116:825-839 (1977)
<i>m</i>	Corey et al., "Sequence-Selective Hydrolysis of Duplex DNA by an Oligonucleotide-Directed Nuclease," <u>J. Am. Chem. Soc.</u> 111:8523-8525 (1989)
<i>m</i>	Rigas et al., "Rapid plasmid library screening using RecA-coated biotinylated probes", <u>Proc. Natl. Acad. Sci. (USA)</u> 83:9591-9595 (1986)
<i>m</i>	Langer et al., "Enzymatic synthesis of biotin-labeled polynucleotides: Novel nucleic acid affinity probes," <u>Proc. Natl. Acad. Sci. (USA)</u> 78:6633-6637 (1981)
<i>m</i>	Green et al., "Reassociation rate limited displacement of DNA strands by branch migration", <u>Nucleic Acids Research</u> 9:1905-1918 (1981)

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>u</i>	—	Collins et al., "A novel diagnostic method based on DNA strand displacement", <u>Molecular and Cellular Probes</u> 2:15-30 (1988)
	—	Vary et al., "Nonisotopic Detection Methods for Strand Displacement Assays of Nucleic Acids," <u>Clinical Chemistry</u> 32:1696-1701 (1986)
	—	Cox et al., "Directionality and polarity in recA protein-promoted branch migration," <u>Proc. Natl. Acad. Sci. (USA)</u> 78:6018-6022 (1981)
	—	Michelson et al., "Synthetic Polynucleotides" in <u>Prog. Nucleic Acids Research</u> 6:83-141
	—	Radding et al., "Enzymatic Synthesis of Deoxyribonucleic Acid", <u>Journal Biol. Chem.</u> 237:2869-2876 (1962)
✓	—	Inman et al., "Helix-Random Coil Transitions in DNA Homopolymer Pairs", <u>Journal of Molecular Biology</u> 8:452-469 (1964)
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<i>m</i>	<i>-</i>	Inman, "Journal of Molecular Biology 9:624-637 (1964)"
	<i>/</i>	Tatsumi et al., "Production of DNA bifilarly substituted with bromodeoxyuridine in the first round of synthesis: branch migration during isolation of cellular DNA", Nucleic Acids Research 5:331-347 (1978)
	<i>/</i>	Brown et al., "Cleavage specificity of the restriction endonuclease isolated from Haemophilus gallinarum (Hga I)", Proc. Natl. Acad. Sci. (USA) 74:3213-3216 (1977)
	<i>/</i>	Thomas et al., "Viable Molecular Hybrids of Bacteriophage Lambda and Eukaryotic DNA", Proc. Natl. Acad. Sci. (USA) 71:4579-4583 (1974)
	<i>/</i>	Green et al., "Targeted deletions of sequences from closed circular DNA", Proc. Natl. Acad. Sci. (USA) 77:2455-2459 (1980)
<i>✓</i>	<i>/</i>	Capechi, "Altering the Genome by Homologous Recombination", Science 244:1288-1292 (1989)

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*3/29/2006*

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<u>u</u>	-	Francois et al., "Inhibition of Restriction Endonuclease Cleavage via Triple Helix Formation by Homopyrimidine Oligonucleotides," <u>Biochemistry</u> 28:9617-9619 (1989)
	-	Povsic et al., "Triple Helix Formation by Oligonucleotides on DNA Extended to the Physiological pH Range", <u>Journal American Chem. Soc.</u> 111:3059-3061 (1989)
	-	Quartin et al., "Branch Migration Mediated DNA Labeling and Cloning," <u>Biochemistry</u> 28:8676-8682 (1989)
	-	Ellwood et al., "Strand Displacement Applied to Assays with Nucleic Acid Probes," <u>Clinical Chemistry</u> 32:1631-1636 (1986)
	-	Lewin, Chapter 3, "The Topology of Nucleic Acids," and Chapter 4, "Isolating The Gene," in <u>Genes III</u> , John Wiley & Sons (publ.), New York 57-94 (1987)
✓	-	Loewy et al., "Site-directed transcription initiation with a mobile promoter," <u>Gene</u> 83: 367-370 (1989)
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